AUTODOC CLUB

How to change spark plugs on **Audi A3 8PA** – replacement guide

VIDEO TUTORIAL

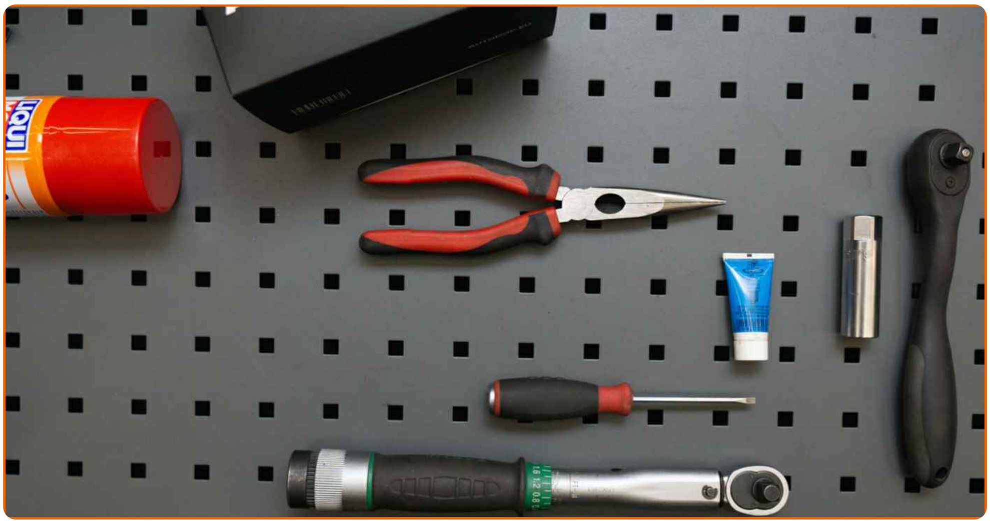


Important!

This replacement procedure can be used for:
AUDI A1 Hatchback (8X1, 8XK) 1.4 TFSI, AUDI A3 Convertible (8P7) 1.4 TFSI, AUDI A1 Sportback (8XA, 8XF) 1.2 TFSI, AUDI A1 Sportback (8XA, 8XF) 1.4 TFSI, AUDI A3 Hatchback (8P1) 1.4 TFSI, AUDI A3 Sportback (8PA) 1.4 TFSI, AUDI A3 Hatchback (8P1) 1.2 TSI, AUDI A1 Hatchback (8X1, 8XK) 1.2 TFSI, AUDI A3 Convertible (8P7) 1.2 TFSI

The steps may slightly vary depending on the car design.

REPLACEMENT: SPARK PLUGS – AUDI A3 8PA. TOOLS YOU'LL NEED:



- High-temperature anti-seize lubricant
- Spark plug socket # 16
- Ratchet wrench
- Torque wrench
- Flat Screwdriver
- Round-nose pliers
- Fender cover

BUY TOOLS

Replacement: spark plugs – Audi A3 8PA. Professionals recommend:

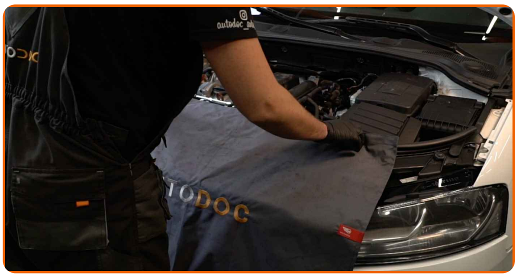
- The replacement procedure is the same for all spark plugs.
- Please note: all work on the car – Audi A3 8PA – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

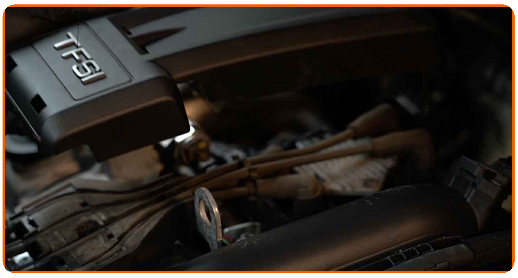
1 Open the hood.



2 Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.



3 Remove the engine cover. Use a flat screwdriver.



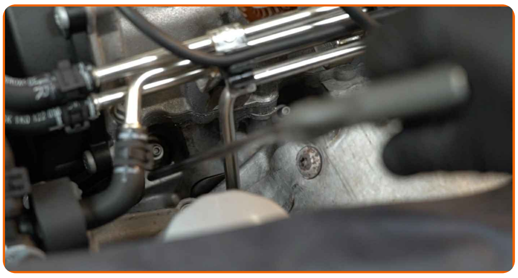
4 Remove the spark plug wire connectors from the spark plug wells. Use round-nose pliers.



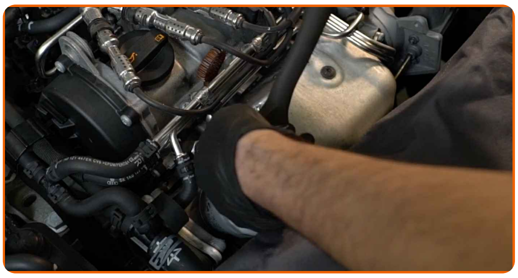
Replacement: spark plugs – Audi A3 8PA. Tip:

- Be careful to avoid damaging spark plug wires.
- Remember the sequence of the spark plug wires connectors.

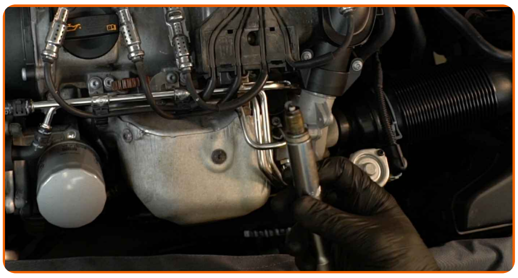
5 Clean dirt, dust and debris from inside the spark plug wells.



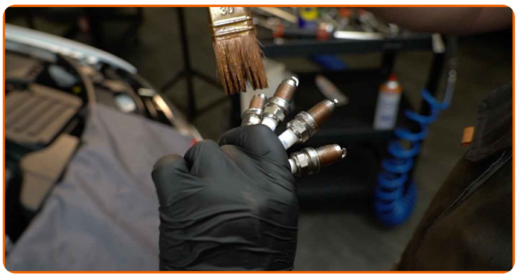
6 Unscrew the spark plugs. Use the spark plug socket #16. Use a ratchet wrench.



7 Take out the spark plugs. Use the spark plug socket #16.



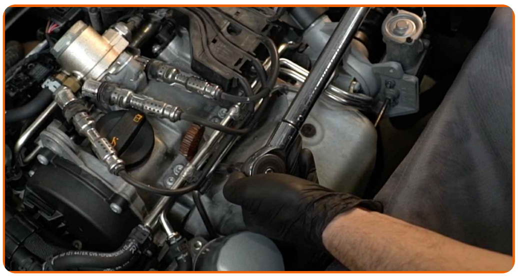
8 Apply a thin layer of a special high temperature anti-seize lubricant to the threads of the new spark plugs.



9 Install the new spark plugs into their mounting seats. Use the spark plug socket #16.



10 Screw new spark plugs and tighten them. Use the spark plug socket #16. Use a torque wrench. Tighten it to 25 nm torque.



Replacement: spark plugs – Audi A3 8PA. AUTODOC experts recommend:

- Don't tighten the plugs with excessive force. Exceeding tightening torque can damage the thread connection.
- Be careful when working with a spark plug wrench. Its skewing can cause damage to the threaded connection.

11

Install the spark plug wire connectors into the spark plug wells. Make sure you hear a click indicating that it is locked in place. Use round-nose pliers.



Replacement: spark plugs – Audi A3 8PA. AUTODOC recommends:

- Follow the installation sequence.

12

Install the engine cover.



13 Run the engine for a few minutes. This is necessary in order to make sure that the component operates properly.



14 Shut off the engine.

15 Remove the fender protection cover.



16 Close the hood.



WELL DONE!

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